

AMENDMENTS TO THE SPECIFICATION:

Please amend the paragraph beginning at page 8, line 23 as follows:

A radio frequency voltage source 30 is connected to the upper layer ~~20~~ 15 and the lower layer ~~22~~ 17, the upper and lower layer ~~20,22~~ 15,17 acting as electrodes such that a radio frequency voltage signal 32 applied between the upper and lower layers ~~20,22~~ 15,17 results in a corresponding electric field across the middle layer 16. The optical properties of the active middle layer 16 are dependent on the electric field applied across it, with the result that the intensity or phase of the light travelling through the middle layer 16 is modulated by the radio frequency voltage source 30. Typically, the radio frequency voltage source will operate at a frequency of 10 GHz or more.